VPS Specification

Sl No	Specification	Tender Specification
1	Pixel Configuration/ Technology	Mini LED/ Micro LED / COB/Flip Chip
2	Physical Dimension in meters -length	Min 9.5 m
3	Physical Dimension in meters -width	Min 2.7 m
4	Diagonal size	Min 395 inches
5	Pixel Pitch	1.7 or Less
6	Total resolution of the wall	5760x1620 or better
7	Contrast ratio	10000:1 or better
8	Life of the Product	150000 hours or better
9	Aspect ratio of the wall	32 : 9
10	Max Brightness	900 nits or better
11	HDR compatibility	Yes
12	Input signals	DP 1.4a, HDMI 2.1,HDMI 2.0x 3 USB x2
13	Color bit	16 bit or better
14	Refresh rate	10000 Hz or better
15	Video rate	100/120 Hz
16	Viewing Angle - Horizontal	150 Degree or better
17	Viewing Angle - Vertical	150 Degree or better
18	Power consumption (Max)	420 (W/m 2)or Less
19	Heat Generation (Max)	1450(Btu/m 2)or Less
20	Certification	Safety Certification, EMC Class B, High Protection : TUV Eye comfort, BIS, RoHS, CE
21	Pixel Density	355000 msquare or better
22	Structure	Required structure for the LED wall size should be considered by the bidder

23	Power supply should be in built within the cabinet	
24	5% of spare Cabinets should be also included to be in the scope at the time of supply	
25	OEM should have service center of the product Quoted in Karnataka, where the LED wall is installed	
26	OEM should have Chip level repair centre in India	
27	Mounting accessories for the LED wall should be from the same OEM.	
28	LED Controller and LED Wall should be from the same OEM.	
LED Controller Spec		
29	Minimum Native Resolution of LED wall controller	Minimum 4k(3840 x 2160)
30	No. of Inputs	4 x HDMI/ DP, LAN
31	No. of Outputs	Minimum 4x Optical Out
32	Audio Out	SPDIF Out/Audio Out
33	WIFI	Yes
Video Wall Processor SPEC		
34	Videowall Processing Capabilities	The unit should be capable of doing layouting of all inputs without dropping video quality with required scaling.
35	No. of Inputs	Minimum 12 x 4K HDMI
37	No. of Outputs	2 x 4K HDMI Output
38	Resizing capabilities	Each input should be able to monitor , drag and resize as per the custom requirement.
39	User interface	There should be user interface to recall any custom window layout or presets or should be able to control all AV devices in the room.
Installation and Commissioning		
40	Installation and commissioning of above equipments	Bidder should be taking the entire project by considering Installation, Commissioning, Cabling, Programming and handing over to the Customer to their expectation.